

Title (en)

ELECTROLYTE CHAMBER WITH CATHODE SEALING MEANS FOR ECM MACHINING

Publication

EP 0227223 B1 19910925 (EN)

Application

EP 86307802 A 19861009

Priority

US 80239385 A 19851127

Abstract (en)

[origin: EP0227223A2] An electrolyte chamber for an electrochemical machine tool includes opposed cathodes movable in respective directions toward one another and toward a workpart therebetween and in respective transverse directions and sealing pistons each movable in the electrolyte chamber in a respective transverse direction to sealingly engage the side of a respective one of the cathodes. An electrolyte inlet is disposed between the sealing pistons, and the sealing pistons direct electrolyte flow toward the workpart between the workpart and cathodes and prevent electrolyte from by-passing around the cathodes.

IPC 1-7

B23H 3/00

IPC 8 full level

B23H 3/00 (2006.01); **C25F 3/00** (2006.01); **C25F 7/00** (2006.01)

CPC (source: EP KR US)

B23H 3/00 (2013.01 - EP KR US)

Cited by

AU602245B2; EP0778103A1; FR2742084A1; US5900134A

Designated contracting state (EPC)

DE ES FR GB GR IT NL SE

DOCDB simple family (publication)

EP 0227223 A2 19870701; **EP 0227223 A3 19881012**; **EP 0227223 B1 19910925**; CA 1315235 C 19930330; DE 3681705 D1 19911031; IL 80575 A0 19870227; JP S62130299 A 19870612; KR 870004767 A 19870601; NO 864734 D0 19861126; US 4735695 A 19880405

DOCDB simple family (application)

EP 86307802 A 19861009; CA 521015 A 19861021; DE 3681705 T 19861009; IL 8057586 A 19861110; JP 27992286 A 19861126; KR 860010059 A 19861127; NO 864734 A 19861126; US 2169987 A 19870304